PCT

RAW SEQUENCE LISTING   DATE: 10/08/2004
PATENT APPLICATION: US/10/509,975   TIME: 13:57:37

Input Set : **A:\2543-1-036PCTUS - Seq listing.txt**
Output Set: **N:\CRF4\10082004\J509975.raw**

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 3 <110> APPLICANT: Patel, Sonal
 5 <120> TITLE OF INVENTION: SC6 FOR DIAGNOSIS OF HYPOXIA RELATED CONDITIONS
 7 <130> FILE REFERENCE: 2543-1-036PCT/US
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C--> 9 `<140> CURRENT APPLICATION NUMBER: US/10/509,975`
C--> 10 `<141> CURRENT FILING DATE: 2004-10-01`
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12 <150> PRIOR APPLICATION NUMBER: GB 0207533.1
13 <151> PRIOR FILING DATE: 2002-04-02
15 <160> NUMBER OF SEQ ID NOS: 4
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 619
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo Sapiens
24 <400> SEQUENCE: 1
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34 Glu Ala Glu Gly Lys Pro Pro Gln Arg Glu Lys Trp Ser Ser Lys Ile
35          35                  40                  45
38 Asp Phe Val Leu Ser Val Ala Gly Gly Phe Val Gly Leu Gly Asn Val
39      50                  55                  60
42 Trp Arg Phe Pro Tyr Leu Cys Tyr Lys Asn Gly Gly Gly Ala Phe Leu
43 65                  70                  75                  80
46 Ile Pro Tyr Phe Ile Phe Leu Phe Gly Ser Gly Leu Pro Val Phe Phe
47                  85                  90                  95
50 Leu Glu Ile Ile Ile Gly Gln Tyr Thr Ser Glu Gly Gly Ile Thr Cys
51              100                 105                 110
54 Trp Glu Lys Ile Cys Pro Leu Phe Ser Gly Ile Gly Tyr Ala Ser Val
55              115                 120                 125
58 Val Ile Val Ser Leu Leu Asn Val Tyr Tyr Ile Val Ile Leu Ala Trp
59      130                 135                 140
62 Ala Thr Tyr Tyr Leu Phe Gln Ser Phe Gln Lys Glu Leu Pro Trp Ala
63 145                 150                 155                 160
66 His Cys Asn His Ser Trp Asn Thr Pro His Cys Met Glu Asp Thr Met
67              165                 170                 175
70 Arg Lys Asn Lys Ser Val Trp Ile Thr Ile Ser Ser Thr Asn Phe Thr
71              180                 185                 190
74 Ser Pro Val Ile Glu Phe Trp Glu Arg Asn Val Leu Ser Leu Ser Pro
75          195                 200                 205
78 Gly Ile Asp His Pro Gly Ser Leu Lys Trp Asp Leu Ala Leu Cys Leu
79      210                 215                 220
82 Leu Leu Val Trp Leu Val Cys Phe Phe Cys Ile Cys Lys Gly Val Arg
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83 225                   230                 235                    240
86 Ser Thr Gly Lys Val Val Tyr Phe Thr Ala Thr Phe Pro Phe Ala Met
87               245                 250                 255
90 Leu Leu Val Leu Leu Val Arg Gly Leu Thr Leu Pro Gly Ala Gly Arg
91               260                 265                 270
94 Gly Ile Lys Phe Tyr Leu Tyr Pro Asp Ile Thr Arg Leu Glu Asp Pro
95          275                 280                 285
98 Gln Val Trp Ile Asp Ala Gly Thr Gln Ile Phe Phe Ser Tyr Ala Ile
99      290                 295                 300
102 Cys Leu Gly Ala Met Thr Ser Leu Gly Ser Tyr Asn Lys Tyr Lys Tyr
103 305                 310                 315                    320
106 Asn Ser Tyr Arg Asp Cys Met Leu Leu Gly Cys Leu Asn Ser Gly Thr
107               325                 330                 335
110 Ser Phe Val Ser Gly Phe Ala Ile Phe Ser Ile Leu Gly Phe Met Ala
111               340                 345                 350
114 Gln Glu Gln Gly Val Asp Ile Ala Asp Val Ala Glu Ser Gly Pro Gly
115          355                 360                 365
118 Leu Ala Phe Ile Ala Tyr Pro Lys Ala Val Thr Met Met Pro Leu Pro
119      370                 375                 380
122 Thr Phe Trp Ser Ile Leu Phe Phe Ile Met Leu Leu Leu Leu Gly Leu
123 385                 390                 395                    400
126 Asp Ser Gln Phe Val Glu Val Glu Gly Gln Ile Thr Ser Leu Val Asp
127               405                 410                 415
130 Leu Tyr Pro Ser Phe Leu Arg Lys Gly Tyr Arg Arg Glu Ile Phe Ile
131          420                 425                 430
134 Ala Phe Val Cys Ser Ile Ser Tyr Leu Leu Gly Leu Thr Met Val Thr
135          435                 440                 445
138 Glu Gly Gly Met Tyr Val Phe Gln Leu Phe Asp Tyr Tyr Ala Ala Ser
139      450                 455                 460
142 Gly Val Cys Leu Leu Trp Val Ala Phe Phe Glu Cys Phe Val Ile Ala
143 465               470                 475                    480
146 Trp Ile Tyr Gly Gly Asp Asn Leu Tyr Asp Gly Ile Glu Asp Met Ile
147               485                 490                 495
150 Gly Tyr Arg Pro Gly Pro Trp Met Lys Tyr Ser Trp Val Ile Thr Pro
151          500                 505                 510
154 Val Leu Cys Val Gly Cys Phe Ile Phe Ser Leu Val Lys Tyr Val Pro
155          515                 520                 525
158 Leu Thr Tyr Asn Lys Thr Tyr Val Ser Pro Thr Trp Ala Ile Gly Leu
159      530                 535                 540
162 Gly Trp Ser Leu Ala Leu Ser Ser Met Leu Cys Val Pro Leu Val Ile
163 545                550                 555                   560
166 Val Ile Arg Leu Cys Gln Thr Glu Gly Pro Phe Leu Val Arg Val Lys
167               565                 570                 575
170 Tyr Leu Leu Thr Pro Arg Glu Pro Asn Arg Trp Ala Val Glu Arg Glu
171          580                 585                 590
174 Gly Ala Thr Pro Tyr Asn Ser Arg Thr Val Met Asn Gly Ala Leu Val
175          595                 600                 605
178 Lys Pro Thr His Ile Ile Val Glu Thr Met Met
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183 <211> LENGTH: 3969
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo Sapiens
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192 tgagggaaaa cctccgcaga gggagaagtg gtctagcaag atcgactttg tgctctctgt    180
194 ggctggcggc ttcgtgggct tgggcaacgt ctggcgcttc ccgtacctct gctacaagaa    240
196 tggtggaggt gcgtttctca taccgtattt tattttcctg tttgggagcg gcctgcctgt    300
198 gttttcttg gagatcatca taggccagta cacctctgaa gggggcatca cctgctggga    360
200 aaagatctgc cccttgttct ctggtatcgg ctatgcctcc gttgtaattg tgtccctcct    420
202 gaatgtctac tacatcgtca tcctggcctg ggccacatac tacctgttcc agtccttcca    480
204 gaaggagctg ccctgggcac actgcaacca cagctggaac acacctcact gcatggagga    540
206 caccatgcgc aagaacaaga gtgtctggat caccatcagc tccaccaact tcacctcccc    600
208 tgtcatcgag ttctgggagc gcaacgtgct gagcttgtcc cctggaatcg accacccagg    660
210 ctctctgaaa tgggacctcg ctctctgcct tcttttagtc tggctagtgt gtttcttctg    720
212 catctgcaag ggcgtcaggt ccactgggaa ggtcgtctac ttcacagcca cttttccatt    780
214 cgccatgctc ctggtgctgc tggtccgagg gctgacgctg ccgggcgcgg gccgaggcat    840
216 caagttctat ctgtatcctg acatcacccg ccttgaggac ccacaggtgt ggattgacgc    900
218 tgggactcag atattcttct cttatgccat ctgcctgggg gctatgacct cgctggggag    960
220 ctacaacaag tacaagtata actcgtacag ggactgtatg ctgctgggat gcctgaacag   1020
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224 gcaagggggtg gacattgctg atgtggctga gtcaggtcct ggcctggcct tcattgccta   1140
226 cccaaaagct gtgacaatga tgccgctgcc cacatttttgg tccattcttt ttttatttat   1200
228 gcttctcttg cttggactgg atagccagtt tgttgaagtt gaaggacaga tcacatcctt   1260
230 ggttgatctt tacccatcct tcctaaggaa gggttatcgt cgggaaatct tcatcgcctt   1320
232 cgtgtgtagc atcagctacc tgctgggggct gacgatggtg acggagggtg gcatgtatgt   1380
234 gtttcagctc tttgactact atgcagctag cggtgtatgc ctttttgtggg ttgcattctt   1440
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238 catgattggc tatcggcccg ggccctggat gaagtacagc tgggtgatca ctccagttct   1560
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260 ttttatggga atttggtaaa tttttctttg tattttttttt tttacatata agtatatata   2220
262 cacttagaga ttgtcatata cttttaccac ttgaattgat cttcttgcca gcaatagatc   2280
264 tcattttcaa aagcaattct tcggtgctgt gtagctggca gaaagttctg tccagtaaac   2340
266 gcaggatgga attttcctgg gactctacac ccatcttaag gtggtatacc ttccaaatcc   2400
268 tggttcagat ggaagaaata gcaggagaga ggacccatta gctggcagac ccaggggaag   2460
270 aaaggagggc tgtgaggaga tacctcatta aacttggctt agtgaagaag agagatgcca   2520
272 aaggaatgaa ccaacccttc acataaagga gactggctga agctgaatga ggaggcccta   2580
274 tagcagaagt ctgattctaa gagcagtaga aacttgtacc agaagcaaaa tcccactttt   2640
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276 aattttgaga tggtgagtgg atagtcagta gaccgtcaga accactggcc agagagggag   2700
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280 ggcagaggca caggaggcca cagtccttcc tggggcattc caggcagaga aggagcagag   2820
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286 ggaatgaagc atgacatacc tgttgaggga ctaggggagt ggtggggagg tgagtggacc   3000
288 aaaggatata ggccccaggc atgcagatgg gcccggtgtc ggggaggggt gctttctttc   3060
290 ctcatctccc cactccccac tctcagcctg ggagactcct gccaagccct cattaaagat   3120
292 gccaccctgg gctgccctgg cacctagcaa ggcacaccaa gaacagcttt tgagtcgtat   3180
294 cctccactgg ggaagtgctc ccagttcaga acaagggcag cccgtggtgc tgacctagga   3240
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316 tttactgttt tttccctgat tttatggagt agcattgtga cctgttttcc tttgtcttat   3900
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324 <211> LENGTH: 22
325 <212> TYPE: DNA
326 <213> ORGANISM: Homo Sapiens
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329 atcggctatg cctccgttgt aa                                              22
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333 <211> LENGTH: 22
334 <212> TYPE: DNA
335 <213> ORGANISM: Homo Sapiens
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338 agttggtgga gctgatggtg at                                              22
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VERIFICATION SUMMARY   DATE: 10/08/2004
PATENT APPLICATION: US/10/509,975   TIME: 13:57:38

Input Set : **A:\2543-1-036PCTUS - Seq listing.txt**
Output Set: **N:\CRF4\10082004\J509975.raw**

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date